

2901

Book "K."

4-679

BOOK 2901

119
1
Mar. 5-1917

Subdivisions.

FIELD NOTES

OF THE SURVEY OF THE

PARTIAL SUBDIVISION

OF

TOWNSHIP 8 SOUTH, RANGE 5 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

W. H. Thorn, U. S. Surveyor,

and

W. K. Kierulff, U.S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated July 29,, 1914,

issued by the United States Surveyor General to govern surveys included in

Group No. 38, which were approved by the Commissioner of the General Land

Office, September 5,, 1914.

Survey commenced March 11,, 1915.

Survey completed March 17,, 1915.

2901

2901

1A

(Book "K.")
(Subdivisions)
Group 38 - Arizona.

BOOK 2901

INDEX DIAGRAM.

Township 8 South, Range 5 East.

First Guide Meridian East - Resurveyed

RESURVEYED

RETRACED

6	5	4	3	2	1
PAPAGO INDIAN RESERVATION					
7	8	9	10	11	12
18 3	17 6	16 10	15 14	14 20	13
2	6	10	13	19	20
19 2	20 6	21 9	22 13	23 18	24
1	5	9	12	17	18
30 1	29 5	28 8	27 12	26 16	25
	4	8	11	15	16
31	32 4	33	34 11	35 15	36

RESURVEYED

-  Subdivision lines surveyed under this group.
-  Standard lines - Notes in Book "A."
-  Township bdrs. - Notes in Book "B."
-  Accepted surveys.
-  Unsurveyed.

Partial Survey of Subdivision of Township 8 S., R. 5 E., 1

East.

In the following notes the initials W.H.T. and W.K.K. are inserted at the beginning and end of those portions of the notes describing the retracements, resurveys and surveys by W.H.Thorn, U.S.Surveyor, and W.K.Kierulff, U.S.Transitman, respectively.

W.H.T.

Survey commenced March 11, 1915, and executed with a Young and Son's light mountain transit No.8592, described in Book "A."

From recent tests, I know the transit and solar attachment to be in satisfactory adjustment (see beginning of notes on page 1, for March 7, 1915, in Book "L.")

From cor. of secs. 29,30,31 and 32, established this day and hereinafter described, I run,

N.0°1'E., bet. secs. 29 and 30.

Over rolling land.

Descend NW. slope of hill.

5.40 Wash, 35 lks.wide, 4 ft. deep, course N.40°E.

6.00 Change to gradual NE. slope.

20.00 Along gentle E. slope of mountain.

Foot of descent 115 ft.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 6 ins. in the ground, to solid rock, in a mound of stone, 4 ft. base, 2 ft.high, for $\frac{1}{4}$ sec.cor, with brass cap, marked $\frac{1}{4}$ S 30 on W., and S 29 on E.half; 1915 on S.rim.

No trees within limits. Pits impracticable.

Build a mound of stone 3 ft.base, 2 ft.high, W.of cor.

Continue along E slope.

52.25 Old cor.of secs.19,24, 25 and 30, Ts.8 S.,R.4 and 5 E., which is an old mesquite post 6 ins. in diam., 3 ft. long, marked with 4 notches on N. and 2 notches on S. sides, brs.E. 2 chs.dist., I destroy cor., and continue measurement.

65.00 Change to gentle N.slope.

75.00 Enter level land.

80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.19,20, 29 and 30, with brass cap, marked

T 8 S R 5 E on N.half;
S 20 in NE.,
S 29 in SE.,
S 30 in SW., and
S 19 in NW. quadrants;
1915 on S.rim.

No trees within limits.

Dig pits 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high, W.of cor.

Land, S.75 chs. rolling; north 50 chs. level.

Soil, stony, 4th rate;and gravel, 3rd rate.

Timber, scattering palo verde.

Undergrowth, greasewood brush, ocotillos and cacti.

West, on a random line, bet. secs.19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

79.92 Intersect W. bdy.of Tp. (1st.Guide MeridianE.) at cor. of secs.19,24,25 and 30, reestablished by me and described in Book "A."

Thence I run,

East, on a true line, bet. secs.19 and 30.

Over hilly land.

Descend E slope, 125 ft. to

10.00 Enter level land.

26.42 Wash, 40 lks.wide, 3 ft. deep, course N.

30.90 Wood road, brs.N.and S.

39.96 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., with brass cap, marked $\frac{1}{4}$ S 19 on N., and S 30 on S half; 1915 on S.rim.

2. Partial Subdivision of Township 8 South, Range 5 East.

Chains.

- No trees within limits. Pits impracticable.
Build a mound of stone 3 ft. base, 2 ft. high, N. of cor.
49.92 Wash, 40 lks. wide, 5 ft. deep, course N. 10° E.
79.92 Cor. of secs. 19, 20, 29 and 30.
Land, rolling.
Soil, stony, 3rd rate.
Timber, scattering palo verde and ironwood.
Undergrowth, greasewood brush, ocotillos and cacti.
March 11, 1915.
-
- March 12, 1915
N. 0° 1' E., bet. secs. 19 and 20.
Over level land, through greasewood brush, 4 ft. high.
12.40 Old $\frac{1}{4}$ sec. cor., which is a mesquite post 4 ins. square,
3 ft. long, marked S 19, brs. E. about 150 lks. dist.
I destroy old $\frac{1}{4}$ sec. cor., and continue measurement.
28.00 Road brs. NW and SE.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
S 19 on W., and
S 20 on E half;
1915 on S. rim.
No trees within limits. Dig pits 18x18x12 ins., N. and S
of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
51.80 A mesquite post, 4 ins. square, 18 ins. above ground, brs.
E. 293 lks. dist., marked with 3 notches on N., and S.
faces.
A brushed out line brs. W. from old post.
Destroy cor., and continue measurement.
61.00 Road brs. E. and W.
69.30 Road brs. NE and SW.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for cor. of secs. 17, 18, 19 and 20, with brass
cap, marked
T 8 S R 5 E on N. half;
S 17 in NE.,
S 20 in SE.,
S 19 in SW., and
S 18 in NW. quadrants;
1915 on S. rim.
No trees within limits.
Dig pits 18x18x12 ins., in each each sec. $5\frac{1}{2}$ ft. dist.,
and raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.
Land, level.
Soil, adobe, 1st rate.
Timber, scattering scrub palo verde.
Undergrowth, greasewood brush and scattering mesquite.
-
- West, on a random line, bet. secs. 18 and 19.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect W. bdy. of Tp. (1st Guide Meridian E.), 1 lk. N.
of cor. of secs. 13, 18, 19 and 24, reestablished by me,
and described in Book "A."
Thence I run,
East, on a true line, bet. secs. 18 and 19.
Over level land, through scattering greasewood brush.
28.10 Wash, 15 lks. wide, 1 ft. deep, course NE.
39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 18 on N., and
S 19 on S. half;
1915 on S. rim.
Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
79.98 Cor. of secs. 17, 18, 19 and 20.
Land, level.

Partial Subdivision of Township 8 South, Range 5 East. 3.

Chains.

Soil, adobe, 1st rate.
No timber.
Undergrowth, greasewood brush, sagebrush and scattering mesquite.
Native grass.

March 12, 1915.

March 13, 1915.

N. 0° 1' E., bet. secs. 17 and 18.

Over level land, through scattering mesquite brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 18 on W., and S 17 on E. half; 1915 on S. rim;

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

58.60 Road, brs. NE. and SW.

64.00 Enter thick growth of mesquite brush, brs. NW. and SE.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17 and 18, (secs. 7 and 8 being within Papago Indian Reservation), with brass cap, marked

P I R on N. half;
S 17 in SE., and
S 18 in SW. quadrants;
T 8 S R 5 E on S. half;
1915 on S. rim.

Dig pits 24x24x12 ins. SE. and SW. of post, 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.

Soil, adobe, 1st rate.

No timber.

Undergrowth, mesquite, and sagebrush.

Little native grass.

West, on a random line, on N. bdy. of sec. 18, identical with S. bdy. of Papago Indian Reservation.

40.00 Set temp. $\frac{1}{4}$ sec. cor. / 1st. Guide Mer. E.

79.98 Intersect W. bdy. of Tp. 1 lk. N. of cor. of sec. 18, reestablished by me and described in Book "A."

Thence I run,

East, on a true line, on N. bdy. of sec. 18, and S. bdy. of Papago Indian Reservation.

Over level land, through scattering brush.

39.99 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 18, with brass cap, marked

P I R on N., and
 $\frac{1}{4}$ S 18 on S. half;
1915 on S. rim.

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

70.00 Enter thick growth of mesquite brush, brs. S and NW.

79.98 Cor. of secs. 17 and 18.

Land, level.

Soil, adobe, 1st rate.

No timber,

Undergrowth, greasewood brush and mesquite.

Little native grass.

March 13, 1915.

March 11, 1915. At 9h. a.m., l.m.t., I set off 32° 41' N. on the lat. arc; 3° 56' S. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 32 and 33, on S. bdy. of Tp., established by W.K. Kierulff, and described in Book "B."

Thence I run,

4. Partial Subdivision of Township 8 South, Range 5 East

Chains	N.0°1'E., bet. secs.32 and 33. Over rolling land.
9.00	Ascend Ss slope of hill, over W.end, 80 ft.high.
15.00	Along W slope.
20.00	Descend NW slope, 54 ft.to
28.10	Foot of hill. Thence over gradual NE. slope.
31.70	Wash,30 lks.wide, 4 ft.deep, course N~40°E.
40.00	Set an iron post 3 ft.long, 1 in. in diam., 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, 1 ft. high for $\frac{1}{4}$ sec.cor., with brass cap, marked $\frac{1}{4}$ S 32 on W., and S 33 in E.half; 1915 on S.rim.
	No trees within limits.. Pits impracticable. Build a mound of stone, 3 ft.base, 2 ft.high, W.of cor.
54.70	Wash, 40 lks.wide, 3 ft. deep, course N. 80° E.
60.00	Ascend SE. slope of hill, 46 ft.to
70.00	Top of hill, brs.E and W. Descend gradual NE. slope 30 ft.to
80.00	Set an iron post, 3 ft.long, 2 ins. indiam., 12 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft.high for cor of secs.28,29, 32 and 33, with brass cap, marked. T 8 S R 5 E on N.half; S 28 on NE., S 33 on SE., S 32 in SW., and S 29 in NW quadrants; 1915 on S.rim.
	No trees within limits, Pits impracticable. Build a mound of stone, 3 ft.base, 2 ft.high,W.of cor. Land,rolling. Soil, stony, covered with volcanic rock, 4th rate. Timber, scattering scrub palo verde. Undergrowth, greasewood brush, ocotillos, and cacti.

	West, on a true line, bet. secs. 29 and 32. Over rolling land.
8.40	Wash, 30 lks.wide, 3 ft. deep, course N, Ascend E. slope, 68 ft.to
20.20	Top of ridge, brs.N.and S.
21.40	Descend W. slope, 65 ft.to
31.36	Wash, 30 lks.wide, 3 ft. deep, course N. Ascend over gradual NE. slope.
37.56	Wash, 25 lks.wide, 3 ft. deep, course N.50°E.
40.00	Set an iron post 3 ft.long, 1 in. in diam., 12 ins. in the ground to solid rock, in a mound of stone, 3 ft.base, 1 $\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec.cor., with brass cap, marked $\frac{1}{4}$ S 29 on N., and S 32 on S.half; 1915 on S.rim.
	No tree within limits. Pits impracticable. Build a mound of stone 3 ft.base, 2 ft.high, N.of cor. Ascend gradual NE. slope.
62.00	Ascend NE slope of hill,120 ft.to
77.15	Descend NW slope of hill, 35 ft.to
80.00	Set an iron post 3 ft.long, 2 ins. in diam., 12 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, for cor.of secs.29,30, 31 and 32, with brass cap, marked T 8 S R 5 E on N.half; S 29 in NE., S 32 in SE., S 31 in SW., and S 30 in NW quadrants; 1915 in S.rim.
	No trees within limits. Pits impracticable. Build a mound of stone 3 ft.base, 2 ft.high,W.of cor. Land,rolling and hilly. Soil, stony, volcanic formation, 4th rate.

Partial Subdivision of Township 8 South, Range 5 East. 5.

	<p>Timber, scattering palo verde. Undergrowth, greasewood brush, ocotillos and cacti. At this cor., I set off 3°53'S. on the decl.arc; and at apparent noon, observe the sun on the meridian; the resulting latitude is 32° 41'N. March 11, 1915.</p>
<p>10.00 39.00 40.00</p>	<p>March 12; At 8h. a.m., l.m.t., I set off 32° 41½'N. on the lat.arc; 3°33'S. on the decl.arc; and determine a mer. with the solar at the cor.of secs.28,29, 32 and 33. Thence I run, N.0°1'E., bet. secs.28 and 29. Over rolling land. Descend gradual N.slope. Change to gentle NW. slope. Leave stony ground, brs.NW. and SE. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., with brass cap, marked S 29 on W., and S 28 on E half; 1915 on S-rim.</p> <p>No trees within limits. Dig pits 18x18x12 ins., N.and S of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high,W.of cor.</p>
<p>80.00</p>	<p>Thence over level land, through greasewood brush. Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.20,21, 28 and 29, with brass cap, marked T 8 S R 5 E on N.half; S 21 on NE., S 28 in SE., S 29 in SW, and S 20 in NW quadrants; 1915 in S.rim.</p> <p>No trees within limits. Dig pits 18x18x12 ins., ineach sec. 5½ ft. dist., and raise a mound of earth 4 ft. base, 2 ft.high,W.of cor. Land,south half, rolling; north half,level. Soil, stony and sandy, 2nd and 3rd rate. Timber, scattering palo verde. Undergrowth, greasewood, ocotillos, and cacti.</p>
<p>40.00 80.00</p>	<p>West, on a random line, bet. secs.20 and 29. Set temp.¼ sec.cor. Intersect N.and S. line, 1 lk. N.of cor.of secs. 19,20,29 and 30.</p>
<p>40.00</p>	<p>Thence I run, East,ona true line, bet. secs. 20 and 29. Over level land, through greasewood brush, 4 to 5 ft.high. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor.,with brass cap,marked S 20 on N., and S 29 on S-half; 1915 on S.rim.</p>
<p>80.00</p>	<p>Dig pits 18x18x12 ins., E.and W. of cor., 3 ft. dist.,and raise a mound of earth 3½ ft. base, 1½ ft. high,N.pf cor. At this cor. I set off 3°30'S. on the decl.arc; and at apparent noon, observe the sun on the meridian; the resulting lat.is 32°42' N. Cor.of secs.20.21, 28 and 29. Land,level. Soil, sandy loam, 1st rate. No timber. Undergrowth, greasewood brush. March 12, 1915.</p>

6 Partial Subdivision of Township 8 South, Range 5 East

Chains	
	March 13, 1915. N.0°1'E., bet. secs. 20 and 21. Over level land, through greasewood brush.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 20 on W., and S 21 on E-half; 1915 on S rim. No trees within limits. Dig pits 18x18x12 ins., N. and S of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W of cor.
67.60	Road brs. E and W.
76.00	Leave greasewood brush and mesquite, brs. SE. and W.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap, marked T. 8 S R. 5 E on N. half; S 16 in NE., S 21 in SE., S 20 in SW, and S 17 in NW quadrants; 1915 in S. rim. No trees within limits. Dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land, level. Soil, sandy loam, 1st rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood and mesquite brush. Native grass.

40.00	West, on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line at cor. of secs. 17, 18, 19 and 20. Thence I run, East, on a true line, bet. secs. 17 and 20. Over level land.
23.00	Road brs. N. 60° E. and S. 60° W.
39.96	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 17 in N., and S 20 in S-half; 1915 on S. rim. No trees within limits. Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
79.92	Cor. of secs. 16, 17, 20 and 21. Land, level. Soil, sandy loam, 1st rate. No timber. Undergrowth, scattering mesquite and sagebrush. Native grass.
	W.H.T. March 13, 1915. -----
	W.K.K. Survey commenced Mar. 13, 1915, and executed with A Young and Son's light mountain transit Np. 8492, described in Book "A." From recent tests I know the transit and solar apparatus to be in satisfactory adjustment. (For test on Polaris meridian see notes of Mar. 7, W-bdy. of T. 9 S., R. 4 E. in Book "B.") March 15, 1915 N. 0° 1' E., bet. secs. 16 and 17. Over level land, through sage brush and scattering mesquite.
19.20	West edge of earth tank, 20x50 ft. containing water.
19.50	Road brs. S. 50° W. and N. 50° E.
40.00	

Partial Subdivision of Township 8 South, Range 5 East. 7.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 17 on W., and S 16 in E half; 1915 on S rim.

Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16 and 17 (secs. 8 and 9, being within Papago Indian Reservation), with brass cap, marked

P I R on N. half;
S 16 in SE., and
S 17 in SW. quadrants;
T 8 S R 5 E on S. half;
1915 on S rim;

dig pits 24x24x12 ins. SE. and SW of post, 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Land, level.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, greasewood brush and scattering mesquite brush.

March 15, 1915.

March 16, 1915.

West on a random line, on N. bdy. of sec. 17, identical with S. bdy. of Papago Indian Reservation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect N. and S line, 1 lk. N. of cor. of secs. 17 & 18, thence I run,

East, on a true line, on N. bdy. of sec. 17, and S bdy. of Papago Indian Reservation.

Over level land, through low greasewood brush, and thick mesquite.

12.50 Leave mesquite thicket brs. N. and S.

28.27 Road bts. NE. and SW.

39.98 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., of sec. 17 with brass cap, marked P I R on N., and $\frac{1}{4}$ S 17 on S half; 1915 on S rim.

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

79.97 Cor. of secs. 16 and 17.

Land, level.
Soil, adobe, 1st rate, and sandy loam, 2nd rate,
No timber.
Undergrowth, greasewood brush and mesquite.
At this cor., I set off $1^{\circ}55'S.$ on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is $32^{\circ}44'N.$

W.K.K. March 16, 1915.

W.H.T.

Mar. 13, 1915. At 8h. a.m., l.m.t., I set off $32^{\circ}41'N.$ on the lat. arc; $3^{\circ}9'S.$ on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 33 and 34 on S bdy. of Tp., established by W.K. Kieffulff, U.S. Transitman, and described in Book "B."

Thence I run, N. $0^{\circ}2'$ E., bet. secs. 33 and 34.
Over level land, through greasewood brush.

18.90 Road brs. NW. and SE.

32.90 Wash, 30 lks. wide, 4 ft. deep, course NW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 33 on W., and S 34 on E. half; 1915 on S rim.

No trees within limits.

8. Partial Subdivision of Township 8 South, Range 5 East.

Chains	
	Dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	A dam, 20 chs. long, bearing NE. and SW. brs. W. about 15 chs. dist.
	Ascend gradual S slope, over stony ground.
45.00	Ascend stony S. slope of hill, 434 ft. to
70.20	Top of ridge, brs. N. 80° E. and S. 80° W. Thence along west slope.
76.20	Descend N. slope, 157 ft. to
80.00	Set an iron post 3 ft. long, 2 ins. indiam., on surface rock in a mound of stone 4 ft. base, 2 ft. high, for cor. of secs. 27, 28, 33 and 34, with brass cap, marked T 8 S R 5 E on N. half; S 27 in NE., S 34 in SE., S 33 in SW., and S 28 in NW. quadrants; 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, south half, level. North half; mountainous. Soil, sandy, 2nd rate; and stony, 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush, ocotillos and cacti. Little native grass.

	West, on a random line, bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.99	Intersect N. and S. line, 2 lks. N. of cor., of secs. 28, 29, 32 and 33. Thence I run, N. $89^{\circ} 59' 00''$ E., on a true line, bet. secs. 28 and 33.
	Descend gradual NE. slope.
15.40	Wash, 40 lks. wide, 3 ft. deep, course N. 10° E.
39.60	Wash, 30 lks. wide, 3 ft. deep, course N. 20° E.
39.99	Set an iron post 3 ft. long, 1 in. indiam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 28 on N., and S 33 on S. half; 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone 3 ft. base, 2 ft. high, N. of cor.
47.70	Road brs. N. and S.
51.30	Wash, 30 lks. wide, 4 ft. deep, course N. Ascend W. slope 235 ft. to
75.28	Change to N. slope.
79.99	Cor. of secs. 27, 28, 33 and 34. Land, level and mountainous. Soil, sandy & stony, 2nd and 4th rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush, ocotillos and cacti. Native grass on level ground.

	N. $0^{\circ} 2'$ E., bet. secs. 27 and 28.
	Over rolling land, through greasewood brush and scattering palo verde.
	Descend N. slope 180 ft. to
9.56	Change to NE. slope; descend 70 ft. to
35.00	Descend gradual NW. slope, 20 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to solid rock, in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 28 on W., and S 27 on E. half; 1915 on S. rim.
	No trees within limits. Pits impracticable. Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Partial Subdivision of Township 8 South, Range 5 East. 9.

Chains.

Descend gradual NW. slope.
 42.50 Wash, 15 lks.wide, 2 ft. deep, course N.40° W.
 50.00 Leave stony ground, brs.E.and W.
 61.20 Dim road, brs.NW. and SE.
 80.00 Set an iron post 3 ft.long, 2 ins. in gdiam., 24 ins. in the ground, for cor.of secs. 21,22,27 and 28, with brass cap, marked
 T 8 S R 5 E on N. half;
 S 22 in NE.,
 S 27 in SE.,
 S 28 in SW., and
 S 21 in NW. quadrants;
 1915 on S.rim.

No trees within limits.
 Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth 4 ft.base, 2 ft.high,W.of cor. At this cor.,I set off 3°6'S. on the decl.arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32° 42'N.
 Land, rolling and level.
 Soil,sandy and stony, 3rd and 4th rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.

40.00 West, on a random line, bet. secs.21 and 28.
 Set temp.¼ sec.cor.
 80.09 Intersect N and S line, 3 lks. S.of cor. of secs. 20,21, 28 and 29.
 Thence I run,
 S 89°59'E., on a true line. bet. secs.21 and 28.
 Over level land, through greasewood brush.
 40.04½ Set an iron post 3 ft.long, 1 in. indiam., 26 ins.in the the ground for ¼ sec.cor., with brass cap, marked
 ¼ S.21 on N., and
 S 28 on S half;
 1915 on S.rim.

No trees within limits.
 Dig pits 18x18x12 ins., E.and W. of cor., 3 ft. dist.,and raise a mound of earth 3½ ft. base, 1½ ft. high,N.of cor.
 80.09 Cor.of secs. 21,22, 27 and 28.
 Land. level.
 Soil, sandy loam, 2nd rate.
 Timber, scattering ironwood.
 Undergrowth, greasewood brush and scattering mesquite.
 W.H.T. Mar. 13. 1915.

W.K.K.
 Mar. 15, 1915.
 N.0°2'E., bet. secs. 21 and 22.
 Over level land, through greasewood brush.
 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., with brass cap, marked
 ¼ S.21 on W., and
 S 22 on E.half;
 1915 on S.rim.

Dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist.,and raise a mound of earth 3½ ft. base, 1½ ft. high,W.of cor.
 58.80 Old road brs.E.70°W. and S.70°E.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.15,16,21 and 22, with brass cap, marked
 T 8 S R 5 E on N.half;
 S 15 in NE.,
 S 22 in SE.,
 S 21 in SW., and
 S.16 in NW. quadrants;

10. Partial Subdivision of Township 8 South Range 5 East

Chains.

- 1915 on S.rim.
Dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land, level.
Soil, adobe, 1st rate.
No timber.
Undergrowth, greasewood brush and scattering mesquite.
-
- West, on a random line, bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.17 Intersect N. and S. line, 11 lks. S. of cor. of secs. 16, 17,
20 and 21.
Thence I run,
S. $89^{\circ}55'E.$, on a true line, bet. secs. 16 and 21.
Over level land, through sage brush and scattering mesquite.
40.08 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 16 on N., and
S 21 on S. half;
1915 on S. rim.
Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of
cor.
51.42 Old road brs. N. $50^{\circ}E.$ and S. $50^{\circ}W.$
80.17 Cor. of secs. 15, 16, 21 and 22.
Land, level.
Soil, adobe, 1st rate.
No timber.
Undergrowth, sagebrush and scattering mesquite.
March 15, 1915.
-
- March 16, 1915.
N. $0^{\circ}2'E.$, bet. secs. 15 and 16.
Over level land, through scattering mesquite brush.
39.35 Road brs. NE. and SW.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 16 on W., and
S 15 on E. half;
1915 on S. rim.
Dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 15 and 16 (secs. 9 and 10
being within Papago Indian Reservation), with brass cap,
marked
P I R on N. half;
S 15 in SE., and
S 16 in SW. quadrants;
T 8 S R 5 E on S. half;
1915 on S. rim.
Dig pits 24x24x12 ins. SE. and SW. of post 6 ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
Land, level.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, greasewood brush and scattering mesquite.
-
- West, on a random line on E. bdy. of sec. 16, identical with S.
bdy. of Papago Indian Reservation.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.16 Intersect N. and S. line at cor. of secs. 16 and 17.
Thence I run,
East, on a true line, on N. bdy. of sec. 16, and S. bdy. of Papago
Indian Reservation.
40.08 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., to sec. 16, with brass cap, marked
P I R on N., and

Chains.

$\frac{1}{4}$ S 16 on S. half;
 1915 on S. rim.
 Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, S. of
 cor.
 80.16 Cor. of secs. 15 and 16.
 Land, level.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, greasewood brush.

March 16, 1915.

March 13, 1915: From the cor. of secs. 34 and 35, on S.
 bdy. of Tp., established by me, and described in Book
 "B." I run,
 N. $0^{\circ}2'$ E., bet. secs. 34 and 35.
 Over level land, through scattering greasewood and mes-
 quite brush.
 .50 Wash, 15 lks. wide, 2 ft. deep, course W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 34 on W., and
 S 35 on E. half;
 1915 on S. rim.

Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and
 raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor.

44.60 Wash, 20 lks. wide, 2 ft. deep, course SW.

55.72 Road brs. NE. and SW.

63.70 Wash, 15 lks. wide, 1 ft. deep, course SE.

69.50 Road brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
 the ground, in a mound of stone, 3 ft. base, 6 ins.
 high, for cor. of secs. 26, 27, 34 and 35, with brass
 cap, marked

T 8 S R 5 E on N. half;
 S 26 in NE.,
 S 35 in SE.,
 S 34 in SW., and
 S 27 in NW. quadrants;
 1915 on S rim.

Pits impracticable.

Build a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, south 45 chs. level. North 35 chs. rolling.

Soil, adobe, 1st rate, and stony 4th rate.

No timber.

Undergrowth, greasewood brush mesquite and cacti.

At this cor., I set off $3^{\circ}6'$ S. on the decl. arc; and at
 apparent noon, observe the sun on the meridian; the
 resulting lat. is $32^{\circ}41\frac{1}{2}'$ N.

40.00 West, on a random line, bet. secs. 27 and 34.

80.07 Set temp. $\frac{1}{4}$ sec. cor.

Intersect N. and S^w line, 9 lks. N. of cor. of secs. 27, 28,
33 and 34.

Thence I run,

N. $89^{\circ}56'$ E., on a true line, bet. secs. 27 and 34.

Descend NE. slope, 270 ft. to

13.00 Change to N. slope.

23.00 Ascend NW. slope, 297 ft. to

40.03 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. in diam., on surface
 rock, in a mound of stone, 3 ft. base, 3 ft. high, for
 $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$ S 27 on N., and
 S 34 on S half;
 1915 on S rim.

No trees within limits. Pits impracticable.

Build a mound of stone 3 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.,

On account of steep slide N. of cor.

Change to steep N. slope.

12 Partial Subdivision of Township 8 South, Range 5 East.

Chains

- 48.00 Ascend W slope, 92 ft. to
55.00 Ridge brs. N. and S.
Descend E. slope, 90 ft. to
57.50 Saddle between two ridges.
Ascend W slope 90 ft. to
62.00 Ridge brs. NE. and SW.
Descend rough SE. slope, 300 ft. to cor.
68.40 Change to S. slope, along rocky cliff, 25 ft. high.
80.07 Cor. of secs. 26, 27, 34 and 35.
Land, mountainous.
Soil, stony, 4th rate.
Timber, scattering scrub palo verde.
Undergrowth, cacti.
-
- N. 0° 2' E., bet. secs. 26 and 27.
Over steep broken S. slope.
5.00 Spur ridge, 85 ft. high, slopes to the E.
Thence along rocky E. slope, under cliffs.
17.50 Spur ridge, 50 ft. high, slopes E.
Descend NE. slope.
28.00 Foot of descent.
Thence over broken rolling land.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 27 on W., and
S 26 on E half;
1915 on S. rim.
No trees within limits. Dig pits 18x18x12 ins., N. and S.
of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.
base, $1\frac{1}{2}$ ft. high, W. of cor.
40.66 Wash, 25 lks. wide, 3 ft. deep, course SE.
57.80 Wash, 50 lks. wide, 4 ft. deep, course SE.
80.00 Set an iron post, 3 ft. long, 2 in. in diam., 24 ins. in
the ground, for cor. of secs. 22, 23, 26 and 27, with brass
cap, marked
T 8 S R 5 E. on N. half;
S 23 in NE.,
S 26 in SE.,
S 27 in SW., and
S 22 in NW. quadrants;
1915 on S. rim.
No trees within limits.
Dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
Land, hilly and rolling.
Soil, stony, 4th rate and sandy, 2nd rate.
Timber, scattering scrub palo verde.
Undergrowth, ocotillos, scattering greasewood brush and
cacti.
March 13, 1915.
-
- March 15, 1915.
West, on a random line, bet. secs. 22 and 27.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.80 Intersect N. and S. line, 14 lks. N. of cor. of secs. 21, 22,
27 and 28.
Thence I run,
N. 89° 54' E., on a true line, bet. secs. 22 and 27.
Over level land.
39.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 22 on N., and
S 27 on S. half;
1915 on S. rim.
No trees within limits.
Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.
of cor.

Partial Subdivision of Township 8 South, Range 5 East, 13.

Chains.

57.80 Wash, 25 lks.wide, 3 ft. deep, course NW.
 79.80 Cor.of secs.22,23,26 and 27.
 Land, level.
 Soil, gravel, 2nd rate.
 Timber, ironwood.
 Undergrowth, greasewood brush.
 At this cor., I set off 2°19'S. on the decl.arc; and at ap-
 parent noon, observe the sun on the meridian; the re-
 sulting latitude is 32° 42' N. March 15, 1915.

March 16, 1915: At 8h. a.m., 1.m.t., I set off 32°42½'N.
 on the lat.arc; 1°58'S.on the decl.arc; and determine
 a meridian with the solar, at the cor.of secs.22,23,26
 and 27.

Thence I run,
 N.0°2'E., bet. secs.22 and 23.
 Over level land, through greasewood brush and scattering
 ironwood.

.97 Wash, 25 lks.wide, 2 ft. deep, course NW.
 6.83 Wash, 25 lks.wide, 4 ft. deep, course NW.
 37.20 Wash, 25 lks.wide, 2 ft. deep, course NW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec.cor., with brass cap, marked
 S 22 on W., and
 S 23 on E.half;
 1915 on S. rim.

No trees within limits.
 Dig pits 18x18x12 ins., N.and S. of cor., 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high, W.of
 cor.

51.75 Wash, 10 lks.wide, 1 ft. deep, course NW.
 73.50 Wash, 10 lks.wide, 1 ft. deep, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for cor.of secs. 14,15,22 and 23, with
 brass cap, marked
 T 8 S R 5 E on N.half;
 S 14 in NE.,
 S 23 in SE.,
 S 22 in SW., and
 S 15 in NW. quadrants;
 1915 on S. rim.

No trees within limits.
 Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and
 raise a mound of earth 4 ft. base, 2 ft. high, W.of cor.

Land, level.
 Soil, gravel, 2nd rate.
 Timber, scattering ironwood.
 Undergrowth, scattering greasewood brush and cacti.

40.00 West, on a random line, bet.secs.15 and 22.
 Set temp.¼ sec.cor.
 79.71 Intersect N.and S. line, 3 lks.N.of cor.of secs.15,16,21
 and 22.

Thence I run,
 N.89°59'E., on a true line, bet. secs.15 and 22.
 Over level land, through scattering ironwood.
 39.85½ Set an iron post 3 ft long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec.cor., with brass cap, marked
 S 15 on N., and
 S 22 on S.half;
 1915 on S.rim.

No trees within limits.
 Dig pits 18x18x12 ins., E.and W.of cor., 3 ft. dist., and
 raise a mound of earth 3½ ft. base, 1½ ft. high, N.of
 cor.

50.00 Road hrs.NE. and SW.
 73.70 Wash, 10 lks.wide, 1 ft. deep, course NW.
 75.21 Wash, 10 lks.wide, 1 ft. deep, course NW.
 79.71 Cor.of secs.14,15,22 and 23.

14 Partial Subdivisions of Township 8 South Range 5 East.

Chains.

Land, level.
Soil, adobe, 1st rate.
Timber, ironwood.
Undergrowth, greasewood brush, and scattering sage brush.

N.0°2'E., bet. secs. 14 and 15.
Over level land, through greasewood brush and scattering ironwood.

10.59 Wash, 15 lks.wide, 1½ ft.deep,, course NW.

13.10 Wash, 15 lks.wide, 2 ft. deep, course NW.

18.00 Road brs.E.and W.

25.70 Wash, 20 lks.wide, 2 ft. deep, course NW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., with brass cap, marked
¼ S 15 on W., and
S 14 on E.half;
1915 on S.rim.

No trees within limits.

Dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist.,and
and raise a mound of earth 3½ ft. base, 1½ ft. high,W.
of cor.

49.00 Road brs.N.70°E. and S.70°W.

51.80 Wash, 15 lks.wide, 1 ft. deep, course S.70°W.

80.00 Set an iron post 3 ft.long, 2 ins. in diam.,24 ins. in the ground for cor.of secs. 14 and 15 (secs.10 and 11 being within Papago Indian Reservation) with brass cap, marked

PI R on N.half;
S 14 in SE., and
S 15 in SW. quadrants;
T 8 S R 5 E on S.half;
1915 on S.rim.

No trees within limits.

Dig pits 24x24x12 ins., SE. and SW, 6 ft., and raise a mound of earth 4 ft. base, 2 ft. high,S.of cor.

Land, level.
Soil, sandy loam, 1st rate.
Timber, scattering ironwood.
Undergrowth, greasewood brush.

West, on a random line on N.bdy.of sec.15, identical with south bdy.of Papago Indian Reservation.

40.00 Set temp.¼ sec.cor.

79.77 Intersect N.and S° line, 3 lks.N. of cor.of secs.15 and 16. Thence I run,
N.89°59'E., on a true line on N.bdy.of sec.15, and S. bdy. of Papago Indian Reservation.

Over level land, through greasewood brush.

39.88½ Set an iron post 3 ft.long, 1 in. in diam.,26 ins.in the ground for ¼ sec.cor.to sec.15, with brass cap,marked
P I R on N, and
¼ S 15 on S.half;
1915 on S.rim.

Dig pits 18x18x12 ins., E.and W. of cor. 3 ft. dist.,and
raise a mound of earth 3½ ft. base, 1½ ft. high,S.of cor.

79.77 Cor.of secs.14 and 15.

Land, level.
Soil, sandy loam, 1st rate.
No timber.
Undergrowth, greasewood brush and scattering mesquite.
W.K.K. Mar.16,1915.

Partial Subdivision of Township 8 South, Range 5 East. 15.

Chains.

W.H.T.
Mar. 15, 1915. At 8h. a.m., l.m.t., I set off 32°41' N. on the lat. arc; 2°22' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 35 and 36, on S. bdy. of Tp., established by W.K. Kierulff, U.S. Transitman, and described in Book "B."

Thence I run,
N. 0°3' E., bet. secs. 35 and 36.
Over gentle SW. slope, through greasewood brush and scattering palo verde.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 35 on W., and
S 36 on E. half;
1915 on S. rim.

No trees within limits.
Dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Ascend SW. slope.
60.00 Change to S. slope.

69.40 Top of hill, 235 ft. ascent.
Descend N. slope, 127 ft. to

77.45 Wash on side of mountain, 15 lks. wide, 2 ft. deep, course W.

Ascend S. slope.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground, to solid rock, in a mound of stone, 4 ft. base, 2 ft. high, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked

T 8 S R 5 E on N. half;
S 25 in NE.,
S 36 in SE.,
S 35 in SW., and
S 26 in NW. quadrants;
1915 on S. rim.

No trees within limits. Pits impracticable.
Build a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Land, level, 40 chs.; mountainous, 40 chs.
Soil, gravel, 3rd rate, and stony, 4th rate.
Timber, scattering palo verde.
Undergrowth, greasewood brush, ocotillos and cacti.
W.H.T. Mar. 15, 1915.

W.K.K.
Mar. 15, 1915. From cor. of secs. 26, 27, 34 and 35, I run, East, on a random line, bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. and S. line, at cor. of secs. 25, 26, 35 and 36.

Thence I run,
West, on a true line, bet. secs. 26 and 35.
Over mountainous land.

Along S. slope.
13.70 Bend in wash, 25 lks. wide, 4 ft. deep, course SW. from SE.

Ascend E. slope, 23 ft. to
24.90 Ridge, brs. N. and SE.

Descend 110 ft. bet. ridges.
Ascend 75 ft. to

28.20 Rocky cliff, brs. N. and S.
Ascend 75 ft. to

33.05 Spur ridge, slopes S.
Descend 128 ft. to

40.02 Set an iron post 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, $4\frac{1}{2}$ ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 26 on N., and
S 35 on S. half;
1915 on S. rim.

No trees within limits. Pits impracticable.
Build a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence over rolling land.

16. Partial Subdivision of Township 8 South Range 5 East

Chains.	
44.84	Wash, 25 lks.wide, 2 ft. deep, course SW. Ascend E. slope, 57 ft.to
61.44	Spur ridge, slopes S. Descend W. slope, 78 ft.to
67.74	Wash, 25 lks.wide, 3 ft. deep, course S.
71.30	Road brs.N.and S.
77.74	Change to SE. slope.
80.04	Cor.of secs.26,27, 34 and 35. Land, mountainous and rolling. Soil, stony, 4th rate. Timber, scattering palo verde. Undergrowth, ocotillos and cacti. W.K.K. Mar.15, 1915.

	W.H.T.Mar. 15, 1915. From cor.of secs.25,26,35 and 36,I run, East, on a true line, bet. secs.25 and 36. Over rolling land.
19.68	Descend over E. slope, 57 ft.to
24.66	Wash, 15 lks.wide, 2 ft. deep, course N.70°E. Wash, 30 lks.wide, 5 ft. deep, course NE. Descend over E. slope, 55 ft.to
40.00	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked S 25 on N., and S 36 on S.half; 1915 on S.rim. No trees within limits. Dig pits 18x18x12 ins., E.and W. of cor., 3 ft. dist.,and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,N.of cor. Over gentle E.slope.
68.40	Leave stony ground, brs.NE. and S. Thence over level land, through greasewood brush.
90.00	Leave greasewood brush, brs.NE. and S.
91.00	Road brs.N.20°E. to Casa Grande,and S.20°W. to Jack Rabbit Mine.
110.80	Road brs.NE. and SW.
162.73	Intersect W. bdy.of T.8 S.,R.6 E.,11.08 chs. S.0° 12'W.of $\frac{1}{4}$ sec.cor.of sec.30, reestablished by me and described in Book "B." At point of intersection, I Set an iron post 3 ft.long, 2 ins. in diam.,24 ins. in the ground for closing cor. of secs.25 and 36, with brass cap, marked C C W of center, S 36 in SW., and S 25 T 8 S R 5 E in NW. quadrant; 1915 on S.rim. No trees within limits. Dig pits 24x18x12 ins., crosswise on each line, N.and S. 4 ft. and W.of cor. 7 ft. dist., and raise a mound of earth 4 ft.base, 2 ft. high, W.of cor. Land,rolling and level. Soil, west 80 chs. stony, 4th rate; remainder, sandy loam, 1st rate. Timber, scattering palo verde. Undergrowth, greasewood brush and scattering mesquite.

	N.0°3'E. bet. secs. 25 and 26. Over hilly and mountainous land,through greasewood brush and scattering palo verde.
2.40	Descend over NE. slope, 90 ft.to
32.80	Ascend steep rocky SW.slope.
40.00	Set an iron post 3 ft.long, 1 in. in diam., on surface rock, in a mound of stone 4 ft.base, 3 ft.high, for $\frac{1}{4}$ sec.cor., with brass cap, marked S 26 on W., and S 25 on E. half; 1915 on S.rim. No trees within limits. Pits impracticable.

Partial Subdivision of Township 8 South Range 5 East. 17.

Chains.

- Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 43.00 Foot of cliffs, 60 ft. high
 45.20 Top of ascent, 250 ft.
 Descend NW slope, 34 ft. to
 48.00 Ascend SW slope, 42 ft. to
 54.48 Top of cliff, 60 ft. high, brs. NE. and SW.
 Cross rough and broken W. slope to
 71.18 Cliffs bear SE. and NW.
 Thence over large boulders.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., on surface
 rock, in a mound of stone, 4 ft. base, 2½ ft. high, for
 cor. of secs. 23, 24, 25 and 26, with brass cap, marked
 T 8 S R 5 E on N. half;
 S 24 in NE.,
 S 25 in SE.,
 S 26 in SW., and
 S 23 in NW. quadrants;
 1915 on S. rim.
- No trees within limits. Pits impracticable.
 Build a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 Timber, scattering scrub palo verde.
 Undergrowth, ocotillos and cacti.
 W.H.T. Mar. 15, 1915.

-
- W.K.K.
 Mar. 17, 1915: At 8h. a.m., l.m.t., I set off 32°42½' N. on
 the lat. arc; 1°34' S. on the decl. arc, and determine a
 meridian with the solar at the cor. of secs. 22, 23, 26
 and 27.
 Thence I run,
 East on a random line, bet. secs. 23 and 26.
 40.00 Set temp. ¼ sec. cor.
 80.30 Intersect N. and S. line, 20 lks. S. of cor. of secs. 23, 24,
 25 and 26.
 Thence I run,
 S. 89°51' W., on a true line, bet. secs. 23 and 26.
 Descend steep W. slope, 380 ft. to
 12.30 Thence over rolling land, to
 17.30 Wash, 25 lks. wide, 4 ft. deep, course S.
 Ascend over E. slope, 290 ft. to
 35.80 Ridge brs. N. and S.
 Buildings of the Silver Reef Mine bear N. about 7 chs.
 dist.
 Descend W. slope, 320 ft.
 40.15 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground in a mound of stone, 3 ft. base, 2½ ft. high
 for ¼ sec. cor., with brass cap, marked
 ¼ S 23 on N., and
 S 26 on S. half;
 1915 on S. rim.
- No trees within limits. Pits impracticable.
 Build a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
 52.60 Foot of descent.
 Wash, 50 lks. wide, 5 ft. deep, course SW.
 Thence over rolling land, with gentle west slope.
 65.30 Road brs. N. and S.
 69.65 Wash, 50 lks. wide, 5 ft. deep, course NW.
 78.60 Wash, 25 lks. wide, 3 ft. deep, course NW.
 80.30 Cor. of secs. 22, 23, 26 and 27.
 Land, mountainous and rolling.
 Soil, stony, 3rd and 4th rate.
 Timber, scattering palo verde.
 Undergrowth, ocotillos and cacti.
 W.K.K. Mar. 17, 1915.

-
- W.H.T.
 Mar. 15, 1915. From cor. of secs. 23, 24, 25 and 26, I run,
 East, on a true line, bet. secs. 24 and 25.
 Ascend steep NW slope of mountain, over large boulders.
 20.00 Change to gradual W. slope.

18. Partial Subdivision of Township 8 South, Range 5 East.

Chains.	
25.63	Top of ridge, brs.N. and SE. The true point for $\frac{1}{4}$ sec.cor., will fall on broken E. slope; therefore, at this point, Set an iron post 3 ft.long, 1 in. in diam., on surface rock, in a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high for witness cor.to $\frac{1}{4}$ sec.cor., with brass cap, marked W C $\frac{1}{4}$ S 24 on N., and S 25 on S half; 1915 on S.rim. No trees within limits. Pits impracticable. Build a mound of stone, 3 ft.base, 2 ft.high,N.of cor.
40.00	Over steep N.slope, difficult to chain over.
50.00	Perpendicular wall, 50 ft. drop, brs.N.and S.
50.94	Intersect W side line of patented mining claim (Crown lode) Survey No.1698, at 6.18 chs.S. of cor.No.3. Thence thru patented mineral land.
52.00	Top of cliff, 530 ft. above the level plain. Descend over steep E. slope.
55.00	Perpendicular wall, 50 ft. drop, brs.N.and S. Descend steep E slope, over smaller cliffs and boulders.
69.12	Intersect E side line of patented mining claim (Esperanza lode) Survey No.1698, at 6.18 chs. S.of cor.No.2. leave patented mineral land.
71.18	Ravine, 100 lks.wide, 16 ft. deep, course S.20°E.
73.18	Ravine, 120 lks.wide, 16 ft.deep, course S. Ascend gradual SW. slope.
80.20	Three frame houses bear S. about 15 chs.dist.
89.20	Descend gradual E. slope.
118.00	Over level land, through greasewood brush.
122.00	Road, brs.NE. to Casa Grande and SW. to Jack Rabbit Mine.
146.50	Road brs.NW. and SE.
162.91	Intersect West bdy.of T.8 S.,R.6 E., 11.43 chs.S.0° 4'W. of $\frac{1}{4}$ sec.cor.of sec.19, reestablished by me, and described in Book "B." At point of intersection, I Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor.of secs. 24 and 25, with brass cap, marked C C W of center, S 25 in SW., and S 24 T 8 S R 5 E in NW. quadrant; 1915 on S.rim. No trees within limits. Dig pits 24x18x12 ins. crosswise on each line, N.and S.4 ft. and W.of cor. 7 ft. dist., and raise a mound of earth 4 ft.base, 2 ft. high,W,of cor. Land, rolling and level. Soil, stony and sandy loam, 4th and 1st rate. Timber, scattering palo verde and ironwood. Undergrowth, greasewood brush and cacti. March 15, 1915.

	March 16, 1915: At 9h. a.m., 1.m.t., I set off 32°42½N. on the lat.arc; 1°58'S. on the decl.arc, and determine a meridian with the solar, at the cor.of secs. 23, 24, 25 and 26. Thence I run, N.0°3'E., bet. secs. 23 and 24. Over mountainous land, through greasewood brush and scattering palo verde and ironwood. Ascend SW. slope, 18 ft.
2.00	Top of ascent. Descend steep stony NW. slope, 538 ft.to cor.of secs. 13, 14, 23 and 24.
17.50	Prospect shaft brs.E. about 10 chs.dist.
27.30	Foot of mountains, brs.NE. and SW. Descend gradual NW. slope.
40.00	True point for $\frac{1}{4}$ sec.cor. falls in wash, 30 lks.wide, 2 ft.deep, course N. 70°W.; therefore at
40.90	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec.cor., with brass cap, marked

Partial Subdivision of Township 8 South, Range 5 East. 19.

Chains.

W C on S.,
 1 S 23 on W., and
 S 24 on E. half;
 1915 on S. rim.

No trees within limits. *Pits impracticable.
 Build a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
 At this cor., I set off 1°55'S. on the decl. arc; and at apparent noon, observe the sun on the meridian; the resulting lat. is 32°42'N.

47.60 Wash, 40 lks. wide, 5 ft. deep, course N. 20°W.
 65.00 Wash, 25 lks. wide, 1 ft. deep, course N. 10°W.
 80.00 Stamp mill of the Silver Reef Mine, brs. S. 32°30'W.
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 14, 23 and 24, with brass cap, marked

T 8 S R 5 E on N. half;
 S 13 in NE.,
 S 24 in SE.,
 S 23 in SW., and
 S 14 in NW. quadrants;
 1915 on S. rim.

No trees within limits.
 Dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, mountainous and rolling.
 Soil, south 30 chs. stony, 4th rate; north 50 chs. gravel, 3rd rate.
 Timber, palo verde and ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 Scattering native grass.
 W.H.T. March 16, 1915.

W.K.K.
 March 17, 1915. From cor. of secs. 14, 15, 22 and 23, I run, East on a random line, bet. secs. 14 and 23.
 40.00 Set temp. 1/4 sec. cor.
 80.22 Intersect N. and S. line, 19 lks. S. of cor. of secs. 13, 14, 22 and 23.
 Thence I run,
 S. 89°52'W., on a true line, bet. secs. 14 and 23.
 Over level land, through greasewood brush and scattering palo verde and ironwood timber.

.42 Road brs. NE. and SW.
 7.00 Wash, 10 lks. wide, 2 ft. deep, course NW.
 12.82 Wash, 30 lks. wide, 1 ft. deep, course NW.
 16.20 Wash, 25 lks. wide, 2 ft. deep, course NW.
 21.97 Wash, 25 lks. wide, 2 ft. deep, course NW.
 40.11 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked
 1/4 S 14 on N., and
 S 23 on S. half;
 1915 on S. rim.

No trees within limits.
 Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

44.72 Road brs. N. and S.
 47.00 Wash, 25 lks. wide, 3 ft. deep, course N. 40°W.
 50.82 Wash, 20 lks. wide, 1 ft. deep, course N. 40°W.
 80.22 Cor. of secs. 14, 15, 22 and 23.
 Land, level.
 Soil, gravel, 2nd rate.
 Timber, scattering palo verde and ironwood.
 Undergrowth, greasewood, ocotillos and cacti.
 W.K.K. Mar. 17, 1915.

W.H.T.
 Mar. 16, 1915: From cor. of secs. 13, 14, 23 and 24, I run, East, on a true line, bet. secs. 13 and 24.

20. Partial Subdivision of Township 8 South, Range 5 East.

	Chains.
	Over rolling land, through greasewood brush and scattering palo verde.
	Ascend gradual NW. slope.
4.70	Wash, 20 lks.wide, 2 ft. deep, course N.60°W.
32.80	Wash, 35 lks.wide, 4 ft. deep, course NW.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked S 13 on N., and S 24 on S. half; 1915 on S. rim.
	No trees within limits.
	Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
66.93	Ascend NW. slope of mountain, 311 ft. to Top of mountain at N. end, brs. N. and S.
	Descend NE. slope.
68.11	Top of cliff 80 ft. high.
82.40	Foot of mountain, 282 ft. descent.
	Thence over 34 ft. descent, to
98.76	Road brs. NW. and SE.
105.00	Change to level land.
110.61	Road brs. NW. and SE.
132.50	Three Indian houses bear S. about 20 chs. dist.
134.50	Road brs. N. to Casa Grande, and South to Jack Rabbit Mine.
140.00	Two Indian houses bear south about 12 chs. dist.
141.30	Wire fence along field brs. N. 10° E. and S. 10° W.
	Closing cor. will fall in field; therefore at
141.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for witness cor. to closing cor. of secs. 13 and 24, with brass cap, marked W C on N. half; C C W. of center, S 24 in SW., and S 13 T 8 S R 5 E in NW. quadrant; 1915 on S. rim.
	No trees within limits.
	Dig pits 24x18x12 ins., crosswise N. and S. of cor. 3 ft. and W. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
141.30	Enter field, brs. N. 10° E. and S. 10° W.
161.70	Wire fence between fields, brs. NE. and SW.
162.77	Intersect W. bdy. of T. 8 S., R. 6 E., 12.03 chs. S. 0° 4' W. of $\frac{1}{4}$ sec. cor. of sec. 18, reestablished by me, and described in Book "B."
	Land, mountainous, rolling and level.
	Soil, stony, 4th rate, gravel, 3rd rate, and sandy loam, 1st rate.
	Timber, scattering palo verde and ironwood.
	Undergrowth, greasewood brush, ocotillos and cacti. March 16, 1915.

	March 17, 1915: At 8h. 30m. a.m., 1.m.t., I set off 32° 4' ³⁴ N. on the lat. arc; 1° 35' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14.23 and 24.
	Thence I run, N. 0° 3' E., bet. secs. 13 and 14.
	Descend gradual NW. slope, through greasewood brush and scattering ironwood timber.
.35	Road brs. NE. to Casa Grade and SW. to Jack Rabbit Mine.
2.40	Wash, 15 lks.wide, 2 ft. deep, course N. 45° W.
19.10	Wash, 15 lks.wide, 2 ft. deep, course N. 45° W.
19.60	Road brs. N. 70° E. and S. 70° W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked S 14 on W., and S 13 on E. half; 1915 on S. rim.
	No trees within limits.

Partial Subdivision of Township 8 South, Range 5 East. 21.

Chains. Dig pits 18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

40.50 Wash, 15 lks. wide, 1 ft. deep, course N.40°W.

60.00 Enter level land; leave ironwood timber and greasewood brush brs. NE. and SW.

69.10 Road brs. N.70° E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 13 and 14, (secs. 11 and 12 being within Papago Indian Reservation), with brass cap, marked

P I R on N. half;
 S 13 in SE., and
 S 14 in SW. quadrants;
 T 8 S R 5 E on S. half;
 1915 on S rim.

No trees within limits.
 Dig pits 24x24x12 ins., SE. and SW. of post, 6 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor.
 Land, rolling and level.
 Soil, south half, gravel, 3rd rate; north half, sandy, 2nd rate.
 Timber, scattering ironwood.
 Undergrowth, greasewood brush, ocotillos and cacti.
 Native grass.

W.H.T. Mar. 17, 1915.

W.K.K.
 Mar. 17, 1915: At the cor. of secs. 14 and 15, I set off 1°31' S. on the decl. arc; and at apparent noon, observe the sun on the meridian. The resulting lat. is 32°44' N.
 Thence I run,
 East, on a random line on N. bdy. of sec. 14, identical with south bdy. of Papago Indian Reservation.

40.00 Set temp. ¼ sec. cor.

80.07 Intersect N. and S. line, 20 lks. S. of cor. of secs. 13 and 14.
 Thence I run,
 S. 89°51' W. on a true line on N. bdy. of secs. 14, and S. bdy. of Papago Indian Reservation.

31.47 Road brs. N. 20° W. and S. 20° E.

40.03½ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor. to sec. 14, and with brass cap, marked

P I R on N., and
 ¼ S 14 on S half;
 1915 on S rim.

Dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, S. of cor.

80.07 Cor. of secs. 14 and 15.
 Land, level.
 Soil, sandy loam, 1st rate.
 No timber.
 Undergrowth, greasewood brush and scattering mesquite.

W.K.K. Mar. 17, 1915.

22. Partial Subdivision of Township 8 South, Range 5 East.

Chains W.H.T.
 Mar. 17, 1915: From cor. of secs. 13 and 14, I run, East, on a true line, on N. bdy. of sec. 13, identical with S. bdy. of Papago Indian Reservation.
 Over level land, through scattering mesquite brush.
 23.00 Irrigation ditch for flood water, 10 lks. wide, 1 ft. deep, course N.
 28.90 Irrigation ditch for flood water, 15 lks. wide, 2 ft. deep, course N.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. to sec. 13, with brass cap, marked
 P I R on N., and
 S 13 on S. half;
 1915 on S. rim.
 Dig pits 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
 56.40 Road brs. N. 70° E. and S. 70° W.
 68.50 Road brs. N. 40° E. and S. 40° W.
 85.00 Ascend NW. slope of hill, 125 ft. to
 109.08 Top of ridge, (N. end) brs. NW. and SE.
 Descend NE. slope, 106 ft. to
 120.00 Enter level land, brs. SE. and NW.
 122.50 Road brs. NW. and SE.
 133.60 Road brs. N. to Casa Grande, and S. to Jack Rabbit Mine.
 152.20 Ditch, 10 lks. wide, 2 ft. deep, course NW.
 161.60 Ditch, 20 lks. wide, 3 ft. deep, course NW.
 162.74 Intersect W. bdy. of T. 8 S., R. 6 E., 12.50 chs. S. 0° 4' W. of $\frac{1}{4}$ sec. cor. of sec. 7, reestablished by me, and described in Book "B."
 At point of intersection, I
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 12 and 13, with brass cap, marked
 C C W of center,
 S 13 in SW., and
 S 12 T 8 S R 5 E in NW. quadrant;
 1915 on S. rim.
 Dig pits 24x18x12 ins., crosswise on each line, N. and S. 4 ft., and W. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, west 85 chs. level; and east 43 chs. level; remainder hilly.
 Soil, west 85 chs. sandy, 2nd rate; east 43 chs. sandy loam, 1st rate; remainder stony, 4th rate.
 No timber.
 Undergrowth, greasewood brush, ocotillos and cacti.
 W.H.T. Mar. 17, 1915.

GENERAL DESCRIPTION.

This township is mountainous throughout the south and southeast portions with level land, in the north half and south and east halves of secs. 25 and 36.
 The soil varies from stony in the south portion to adobe and sandy loam on the level areas.
 Indians are using the flood water from the spring freshets to irrigate a small area of land in secs. 13 and 24, and extending into T. 8 S., R. 6 E. Other than this, there is no cultivation in the township.
 Palo verde and ironwood timber grows around the mountains and along the washes, with some scattering mesquite.
 Dense greasewood brush grows on the level land, with scrub palo verde ocotillos and cacti, where the soil is not so fertile.
 A silver mine, known as the Silver Reef mine, not in operation, is located in sec. 23 near the $\frac{1}{4}$ sec. cor. of secs. 23 and 26. Various silver and copper claims are located along the east side of the township.
 The Papago Indian Reservation occupies the north two tiers of sections.

23 For CERTIFICATES OF UNITED STATES SURVEYOR. and
UNITED STATES TRANSITMAN.
See Book "C" of this Group.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance
of special instructions received from the U. S. Surveyor General for _____
bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly,
in my own proper person, and in strict conformity with said instructions, the Manual of Surveying
Instructions, and the laws of the United States, surveyed all those parts or portions of _____
_____ of the _____
_____ Meridian, in the State of _____, which are represented in
the foregoing field notes as having been executed by me, and under my direction; and I do further
solemnly swear that all the corners of said survey have been established and perpetuated in strict accord-
ance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor
General for _____ and in the specific manner described in the field notes, and that
the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Phoenix, Arizona, MAR 19 _____, 1917.

The foregoing field notes of the survey of _____ the Partial Subdivision of _____
_____ Township 8 South, Range 5 East, of the Gila and Salt
River Base and Meridian, in the State of Arizona,

executed by _____ W. H. Thorn, U. S. Surveyor and W. K. Kierulff, U. S. Transitman,
under ~~the~~ special instructions dated July 29, 1914 for Group 38, Arizona _____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
surveys they describe, are hereby approved.


U. S. Surveyor General.
of Arizona.

I certify that the foregoing transcript of the field notes of the above described surveys in _____
_____, has been correctly copied from the original notes on file in this office.